

INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI 2004/000416

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B64C 39/00
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B64C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5064143 A (BUCHER), 12 November 1991 (12.11.1991), figure 2, abstract --	1,11
A	US 6464166 B1 (YOELI), 15 October 2002 (15.10.2002), figures 11-13, abstract --	1,11
A	DE 1288924 B (GRAF, EBERHARD), 6 February 1969 (06.02.1969), figures 1,2 --	1,11
A	WO 0194199 A1 (LAMONT, JOHN), 13 December 2001 (13.12.2001), figure 2, abstract --	1,11

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
26 October 2004

Date of mailing of the international search report
02-11-2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer
Carl Fröderberg/EK
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000416

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5046685 A (BOSE), 10 Sept 1991 (10.09.1991), figure 1, abstract --	1,11
A	EP 0534611 A1 (A H BECK FOUNDATION CO, INC), 31 March 1993 (31.03.1993), figures 1,2, abstract --	1,11
A	FR 2630697 A1 (MAZZA), 3 November 1989 (03.11.1989), abstract --	1,11
A	US 3410507 A (PAUL S MOLLER), 12 November 1968 (12.11.1968), figures 8-10, abstract -- -----	1,11

INTERNATIONAL SEARCH REPORT
Information on patent family members

01/10/2004

International application No.

PCT/FI 2004/000416

US	5064143	A	12/11/1991	AT	106052	T	15/06/1994
				AU	631857	B	10/12/1992
				AU	5297590	A	25/10/1990
				BR	9001816	A	11/06/1991
				CA	2014774	A	19/10/1990
				DE	59005795	D	00/00/0000
				EP	0393410	A,B	24/10/1990
				SE	0393410	T3	
				ES	2054133	T	01/08/1994
				JP	3067799	A	22/03/1991
				SU	1838180	A	30/08/1993

US	6464166	B1	15/10/2002	CA	2448679	A	05/12/2002
				EP	1390259	A	25/02/2004
				US	20040149857	A	05/08/2004
				WO	02096750	A,B	05/12/2002

DE	1288924	B	06/02/1969	NONE			

WO	0194199	A1	13/12/2001	AU	6719001	A	17/12/2001

US	5046685	A	10/09/1991	NONE			

EP	0534611	A1	31/03/1993	US	5170963	A	15/12/1992

FR	2630697	A1	03/11/1989	NONE			

US	3410507	A	12/11/1968	NONE			
